



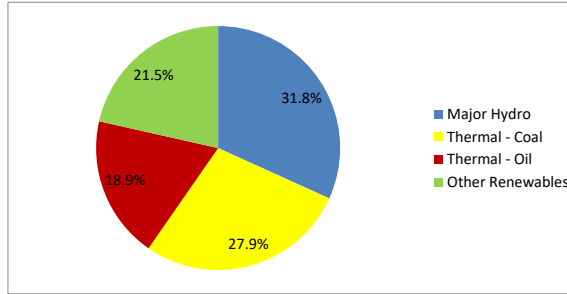
Daily Electricity Generation & Cost Estimation Report

11th November 2024



Daily Generation Mix -11th Nov 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.84	31.8%
Thermal - Coal	13.03	27.9%
Thermal - Furnace Oil	5.26	11.3%
Thermal - Diesel	0.02	0.0%
Thermal - Naphtha	3.54	7.6%
Wind - CEB	0.74	1.6%
Wind - IPP	0.66	1.4%
Solar - IPP - Ground Mounted	0.74	1.6%
Solar - Roof Top	2.77	5.9%
Mini Hydro	4.62	9.9%
Municipal Solid Waste	0.50	1.1%
Total	46.72	



Note - Estimated generation from roof top solar, non-telemetered solar and mini hydro plants has been included in the above figures

Estimated Generation Cost : 11th Nov 2024

Plant Type	Energy Cost (Mn LKR)	Non Fuel Energy Cost (Mn LKR)	Capacity Cost (Mn LKR)	Total Cost of Generation (Mn LKR)	Energy Cost per Unit (LKR/kWh)	Non fuel Energy Cost per Unit (LKR/kWh)	Capacity Charge per Unit (LKR/kWh)	Cost of Electricity per Unit (LKR/kWh)
Major Hydro	0.0	0.0	39.1	39.1	0.00	0.00	2.63	2.63
Thermal - Coal	244.2	28.4	46.3	318.9	18.74	2.18	3.56	24.47
Thermal - Furnace Oil	237.5	9.7	51.9	299.2	45.18	1.84	9.88	56.91
Thermal - Diesel	1.5	1.5	20.0	23.0	73.67	71.45	951.15	1096.27
Thermal - Naphtha	158.1	2.0	3.3	163.4	44.74	0.56	0.93	46.23
Wind - CEB	0.0	0.0	21.6	21.6	0.00	0.00	28.98	28.98
Wind - IPP	10.7	0.0	0.0	10.7	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	14.4	0.0	0.0	14.4	19.58	0.00	0.00	19.58
Solar - Roof Top	69.0	0.0	0.0	69.0	24.92	0.00	0.00	24.92
Mini Hydro	62.8	0.0	0.0	62.8	13.59	0.00	0.00	13.59
Municipal Solid Waste	19.4	0.0	0.0	19.4	39.00	0.00	0.00	39.00
Total	817.8	41.5	182.2	1,041.5	17.51	0.89	3.90	22.29

Note -

Start/Stop costs has been excluded in the calculation

Capacity cost is based on the approved BST submission.

Unit Cost of Generation for the day : **22.29 LKR/kWh**
 Total Generation Cost for the day: **1041.52 Mn LKR**

Fuel Prices

(as at 11th Nov 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	199.00
Coal	45.65
Naphtha	166.00
Auto Diesel	283.00

Scheduled (Day Ahead) Generation Mix - 11th Nov 2024 (Excluding generation from non telemetered power plants)

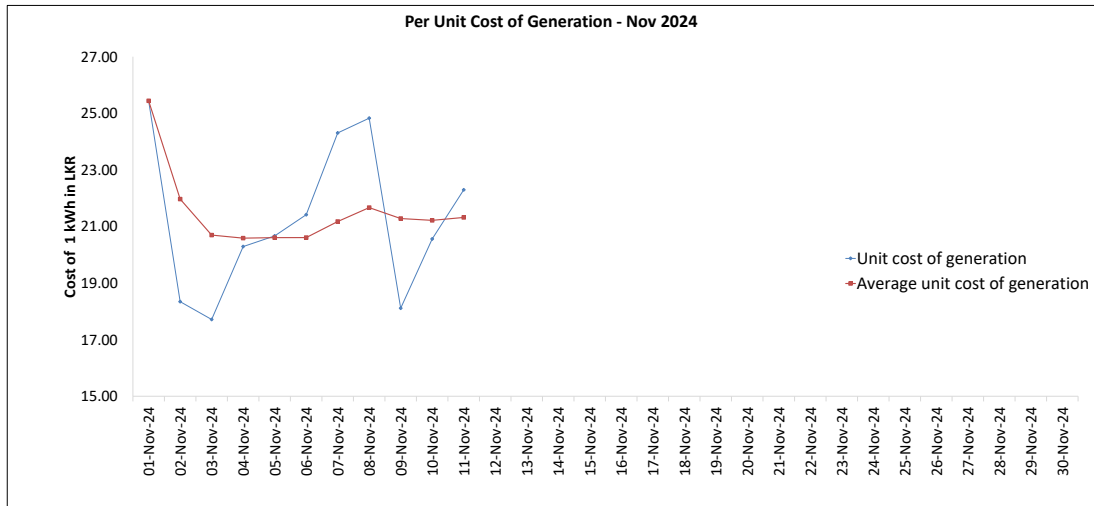
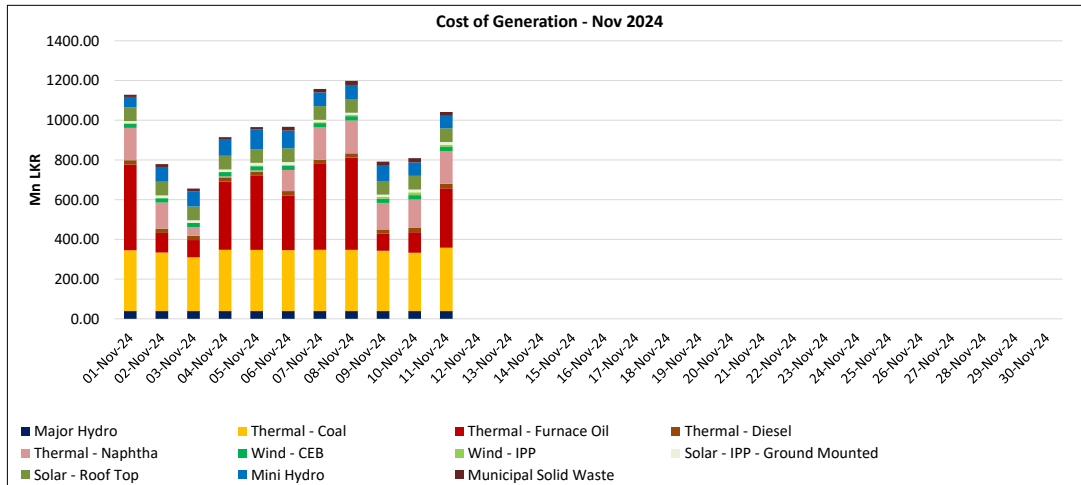
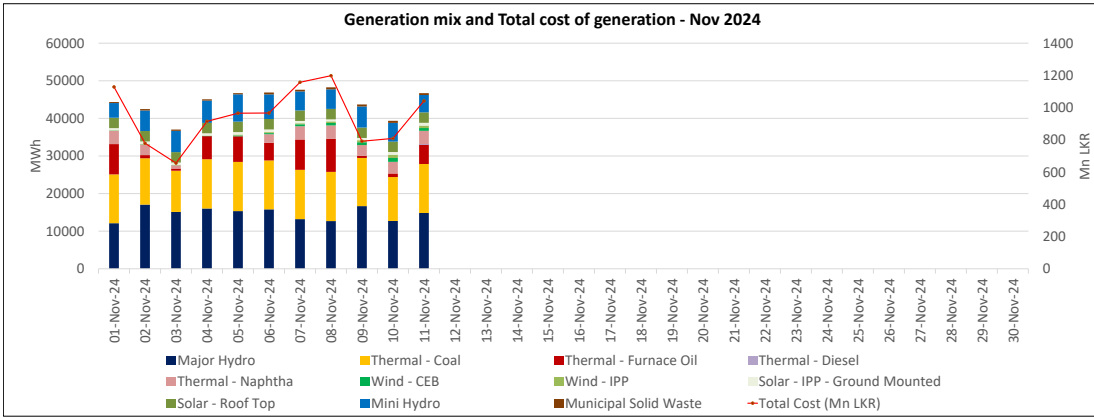
Plant Type	Generation (GWh)	Percentage
Major Hydro	12.2	29%
Thermal - Coal	13.0	31%
Thermal - Furnace Oil	6.2	15%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	8%
Wind - CEB		
Wind - IPP	1.2	3%
BMP	0.5	1%
Solar	0.5	1%
Mini Hydro	5.3	12%
Total	42.39	

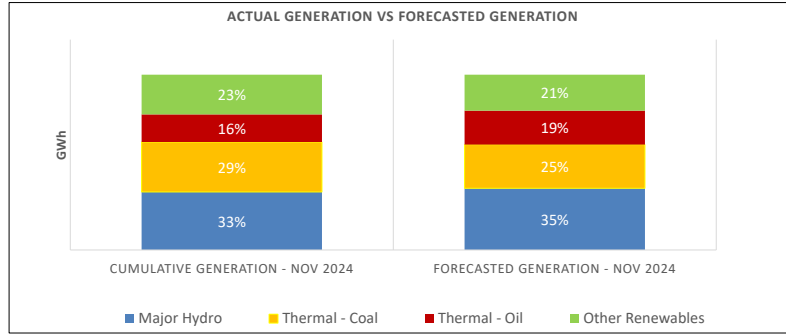
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) **1,021 Mn LKR**

Actual Generation Mix - 11th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.8	34%
Thermal - Coal	13.0	30%
Thermal - Furnace Oil	5.3	12%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.5	8%
Wind - CEB	0.7	2%
Wind - IPP	0.7	2%
BMP	0.5	1.1%
Solar	0.7	2%
Mini Hydro	4.4	10%
Total	43.68	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) **969 Mn LKR**





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	162	478
Thermal - Coal	139	338
Thermal - Oil	77	263
Other Renewables	111	278
Total	488	1357

Forecasted Generation - SDDP Oct 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	430 Mn LKR
Thermal - Coal	3,327 Mn LKR
Thermal - Furnace Oil	2,994 Mn LKR
Thermal - Diesel	238 Mn LKR
Thermal - Naphtha	1,224 Mn LKR
Wind - CEB	237 Mn LKR
Wind - IPP	58 Mn LKR
Solar - IPP - Ground Mounted	138 Mn LKR
Solar - Roof Top	759 Mn LKR
Mini Hydro	819 Mn LKR
Municipal Solid Waste	184 Mn LKR
Total Generation Cost	10,409 Mn LKR

Generation Energy Cost (Nov) 7,871 Mn LKR

*Generation Capacity Cost (Nov) 2,004 Mn LKR

Other Cost (Nov) 457 Mn LKR

Average Unit Cost of Generation (Nov) 21.32 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.